

The Commercial Energy Code and Beyond

Energy Efficiency Workshops for
Kentucky



Lexington ❖ June 21st-22nd
Holiday Inn South

Louisville ❖ August 23rd-24th
U of L, Shelby Campus



Energy Update Workshops Register Now!

Introduction

The Kentucky Division of Renewable Energy and Energy Efficiency is pleased to announce two, two-day workshops on the *Commercial Energy Code and Beyond*, coming up this summer in Lexington and this fall in Louisville. The wide-ranging programs feature presenters from Southface, a nationally recognized organization with a 27-year history of providing objective, entertaining training sessions on how to build better buildings.

These workshops will focus on the practical provisions of the International Energy Conservation Code, with special attention to key recent findings regarding moisture control and mold prevention.

The workshops' presenters have decades of experience assisting in the design of buildings and in troubleshooting problems that have occurred. They advocate cost-effective solutions to energy problems, as well as moisture and indoor air quality strategies.

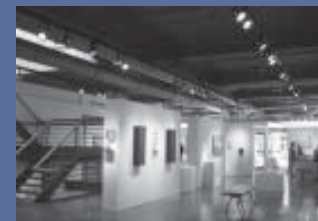
These workshops will place special emphasis on cost effective technologies for surpassing both the energy code and ENERGY STAR™ standards. The

workshops will also feature case studies of successful high quality building programs, as well as information about green building programs in the region. These workshops are nuts-and-bolts sessions that focus on recommended construction details.



Workshop Topics

- ☐ Kentucky's new Energy Code for Commercial Buildings
- ☐ How to prevent mold and avoid other moisture problems
- ☐ Importance of air and moisture barriers
- ☐ Typical insulation problems in commercial buildings
- ☐ Indoor air quality and ventilation
- ☐ Key provisions of lighting and HVAC sections of the energy code
- ☐ Heat recovery systems
- ☐ Green buildings and sustainable design



Continuing Education Credits

Architects belonging to AIA will receive 7.5 health, safety, and welfare learning units for attending either workshop.

Building Code

Inspectors will receive 7.5 continuing education credits for attending either workshop.

HVAC Professionals

will receive 8 continuing education credits towards a Master's and/or Journeyman's license for attending either workshop.



Workshop Sponsors

- ◆ Kentucky Office of Energy Policy, Division of Renewable Energy and Energy Efficiency
- ◆ United States Department of Energy

Workshop Cosponsors

- ◆ UK Cooperative Extension Service
- ◆ Kentucky Department of Housing, Buildings, and Construction
- ◆ Touchstone Energy Cooperatives
- ◆ AIA Kentucky
- ◆ Bluegrass ASHRAE
- ◆ KU and LG&E

**Learn about Kentucky's Mandatory
Statewide Commercial Energy Code
and the Latest Techniques for
Improving Energy Efficiency**

Exterior Moisture
Control Systems



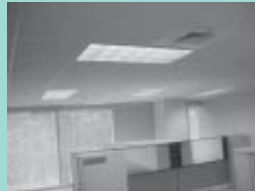
Problems with
Insulation Systems



Provisions for Code-Compliant HVAC



Provisions for
Lighting Systems



Code-Compliant
Window Systems



Agenda

Day 1

- 8:00 am Registration
- 8:30 am The New Commercial Energy Code
 - ❖ Building Envelope Basics
 - ❖ Insulation and Window Provisions of the Energy Code
- Noon Lunch
- 12:30 pm Building Envelope (cont.)
 - ❖ COMCheck™ Software
 - ❖ High Performance Building Envelope
 - ❖ ENERGY STAR™ and "Green" Buildings
- 4:30 pm Adjourn

Day 2

- 8:00 am Registration
- 8:30 am Introductions/ Review of Previous Day
- 9:00 am Lighting
 - ❖ Energy Efficient Lighting
 - ❖ Lighting Requirements of the Energy Code
 - ❖ COMCheck™ Software for Lighting
 - ❖ Daylighting in Commercial Buildings
 - ❖ HVAC and Service Water Heating
 - ❖ Requirements for Simple HVAC Systems
- Noon Lunch
- 12:30 pm HVAC and Service Water Heating (cont.)
 - ❖ HVAC Provisions for Complex Systems
 - ❖ COMCheck™ Software for HVAC
 - ❖ High Performance Approaches for HVAC
 - ❖ Service Water Heating Requirements
 - ❖ Energy Cost Budget Method
- 3:30 pm Sustainable Commercial Buildings
- 4:30 pm Adjourn

Southface - North Carolina

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Toll-Free Tel: (877) 492-7612
southface@goboone.net
www.southface-energycode.org

Registration Form

Name _____

Organization _____

Address _____

City/State/Zip: _____

Phone: _____

FAX: _____

E-mail : _____

☐ Architect ☐ Engineer ☐ Builder/Gen. Cont.
☐ Building Code Official ☐ Utility Representative
☐ HVAC Professional ☐ Other _____

☐ Lexington, Holiday Inn South, 6/21/05-6/22/05
☐ Louisville, U of L Shelby Campus, 8/23/05-8/24/05

__ Day 1: \$45

__ Day 2: \$45

__ Both Days: \$90

Type of Payment (circle): Check Credit Card

Type of card (circle): Master Card Visa

Credit Card # _____

Exp: _____ Signature _____

Make checks payable to Southface.

Mail or FAX this registration to:
Southface - North Carolina
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